C*

FILE 'HOME' ENTERED AT 10:57:57 ON 08 APR 2008

=> file medline embase caplus biosis uspatful
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'MEDLINE' ENTERED AT 10:58:34 ON 08 APR 2008

FILE 'EMBASE' ENTERED AT 10:58:34 ON 08 APR 2008

FILE 'CAPLUS' ENTERED AT 10:58:34 ON 08 APR 2008

FILE 'BIOSIS' ENTERED AT 10:58:34 ON 08 APR 2008

FILE 'USPATFULL' ENTERED AT 10:58:34 ON 08 APR 2008

=> s (interferon-beta or IFn-beta or (interferon (w) beta0)
UNMATCHED LEFT PARENTHESIS '(INTERFERON'
The number of right parentheses in a query must be equal to the
number of left parentheses.

=> s (interferon-beta or IFn-beta or (interferon (w) beta))
L1 41061 (INTERFERON-BETA OR IFN-BETA OR (INTERFERON (W) BETA))

=> l1 (s) (nephritis or (nephrotic (w) syndrome))
L1 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s l1 (s) (nephritis or (nephrotic (w) syndrome))
L2 55 L1 (S) (NEPHRITIS OR (NEPHROTIC (W) SYNDROME))

=> duplicate remove l2
DUPLICATE PREFERENCE IS 'MEDLINE, EMBASE, CAPLUS, BIOSIS, USPATFULL'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L2
L3 41 DUPLICATE REMOVE L2 (14 DUPLICATES REMOVED)

=> d l3 1- ibib, abs
YOU HAVE REQUESTED DATA FROM 41 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2008:10294 USPATFULL <<LOGINID::20080408>>
TITLE: Single domain antibodies against tnfr1 and methods of
use therefor

INVENTOR(S): Brewis, Neil D., HAUXTON, UNITED KINGDOM
PATENT ASSIGNEE(S): Domantis Limited, Cambridge, UNITED KINGDOM, CB4 OWF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2008008713	A1	20080110
APPLICATION INFO.:	US 2005-664542	A1	20051007 (11)
	WO 2005-GB3873		20051007
			20070906 PCT 371 date

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2004-985847, filed on 10 Nov 2004, PENDING Continuation-in-part of Ser. No. WO 2005-GB4253, filed on 8 Oct 2004, UNKNOWN Continuation-in-part of Ser. No. WO 2005-GB5646, filed on 24 Dec 2003, UNKNOWN Continuation-in-part of Ser. No. WO 2005-GB2804, filed on 30 Jun 2003, UNKNOWN Continuation-in-part of Ser. No. WO 2005-GB3014, filed on 28 Jun 2002, UNKNOWN

	NUMBER	DATE
PRIORITY INFORMATION:	GB 2002-30202	20021227
	GB 2003-27706	20031128

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C., 530 VIRGINIA ROAD, P.O. BOX 9133, CONCORD, MA, 01742-9133, US
NUMBER OF CLAIMS: 105
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 92 Drawing Page(s)
LINE COUNT: 8197
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Provided are concentrated preparations comprising single immunoglobulin variable domain polypeptides that bind target antigen with high affinity and are soluble at high concentration, without aggregation or precipitation, providing, for example, for increased storage stability and the ability to administer higher therapeutic doses.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 41 MEDLINE on STN
ACCESSION NUMBER: 2007636650 MEDLINE <<LOGINID::20080408>>
DOCUMENT NUMBER: PubMed ID: 17942945
TITLE: Interferon-beta: a novel way to treat nephrotic syndrome?.
AUTHOR: Rees Andrew J; Kain Renate
SOURCE: Journal of the American Society of Nephrology : JASN, (2007 Nov) Vol. 18, No. 11, pp. 2797-8. Electronic Publication: 2007-10-17.
Journal code: 9013836. E-ISSN: 1533-3450.
PUB. COUNTRY: United States
DOCUMENT TYPE: Commentary
Editorial
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200712

ENTRY DATE: Entered STN: 27 Oct 2007
Last Updated on STN: 14 Dec 2007
Entered Medline: 13 Dec 2007

L3 ANSWER 3 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2007:134425 USPATFULL <<LOGINID::20080408>>
TITLE: Interferon assay
INVENTOR(S): Crow, Mary K., New York, NY, UNITED STATES
Kirou, Kyriakos, Astoria, NY, UNITED STATES
Hua, Jing, Elmhurst, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2007117105	A1	20070524
APPLICATION INFO.:	US 2006-431775	A1	20060509 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2005-680931P	20050512 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: DARBY & DARBY P.C., P. O. BOX 5257, NEW YORK, NY, 10150-5257, US
NUMBER OF CLAIMS: 32
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 5 Drawing Page(s)
LINE COUNT: 2372
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to methods and reporter cell assays for determining the ability of a patient sample to induce interferon target gene expression in interferon responsive cells. These methods will be useful for detecting, diagnosing, and monitoring those who have or are at risk of various autoimmune disorders or diseases, including systemic lupus erythematosus (SLE) and Sjogren's syndrome.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2007:120509 USPATFULL <<LOGINID::20080408>>
TITLE: Ligand that has binding specificity for IL-4 and/or IL-13
INVENTOR(S): Tomlinson, Ian M., Cambridge, UNITED KINGDOM
Holmes, Steve, Cambridge, UNITED KINGDOM
Moulder, Kevin, Cambridge, UNITED KINGDOM
PATENT ASSIGNEE(S): Domants Limited, Cambridge, UNITED KINGDOM (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2007104710	A1	20070510
APPLICATION INFO.:	US 2006-338863	A1	20060124 (11)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2004-23959, filed on 28 Dec 2004, PENDING Continuation of Ser. No. WO 2003-GB2804, filed on 30 Jun 2003, UNKNOWN Continuation-in-part of Ser. No. WO 2002-GB3014, filed on 28 Jun 2002, UNKNOWN

NUMBER DATE
---------- --------
PRIORITY INFORMATION: GB 2003-27706 20031128
GB 2002-30202 20021227
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C., 530 VIRGINIA ROAD, P.O. BOX 9133, CONCORD, MA, 01742-9133, US
NUMBER OF CLAIMS: 21
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 17 Drawing Page(s)
LINE COUNT: 7345
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention provides a dual-specific ligand comprising a first immunoglobulin variable domain having a first binding specificity and a complementary or non-complementary immunoglobulin variable domain having a second binding specificity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2007:107678 USPATFULL <<LOGINID::20080408>>
TITLE: Ligand
INVENTOR(S): Moulder, Kevin, Cambirdge, UNITED KINGDOM
Tomlinson, Ian, Cambridge, UNITED KINGDOM
PATENT ASSIGNEE(S): Domantis Limited (non-U.S. corporation)

NUMBER KIND DATE
---------- ------ --------
PATENT INFORMATION: US 2007093651 A1 20070426
APPLICATION INFO.: US 2006-501522 A1 20060808 (11)
RELATED APPLN. INFO.: Division of Ser. No. US 2004-23959, filed on 28 Dec 2004, PENDING Continuation of Ser. No. WO 2003-GB2804, filed on 30 Jun 2003, UNKNOWN Continuation-in-part of Ser. No. US 2003-744774, filed on 23 Dec 2003, PENDING Continuation of Ser. No. WO 2002-GB3014, filed on 28 Jun 2002, UNKNOWN

NUMBER DATE
---------- --------
PRIORITY INFORMATION: GB 2002-30202 20021227
GB 2001-15841 20010628
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PALMER & DODGE, LLP, KATHLEEN M. WILLIAMS, 111 HUNTINGTON AVENUE, BOSTON, MA, 02199, US
NUMBER OF CLAIMS: 1
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 17 Drawing Page(s)
LINE COUNT: 7018
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention provides a dual-specific ligand comprising a first immunoglobulin variable domain having a first binding specificity and a complementary or non-complementary immunoglobulin variable domain having a second binding specificity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2007:88629 USPATFULL <<LOGINID::20080408>>
TITLE: Stem cell expansion and uses
INVENTOR(S): Reading, Christopher L., San Diego, CA, UNITED STATES
Frincke, James M., San Diego, CA, UNITED STATES
Dowding, Charles, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2007077201	A1	20070405
APPLICATION INFO.:	US 2006-389294	A1	20060325 (11)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2005-241670, filed on 29 Sep 2005, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-614869P	20040929 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOLLIS-EDEN PHARMACEUTICALS, INC., 4435 EASTGATE MALL, SUITE 400, SAN DIEGO, CA, 92121, US
NUMBER OF CLAIMS: 11
EXEMPLARY CLAIM: 1
LINE COUNT: 18130
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention relates to methods to manipulate stem cells in vivo and in vitro to treat, e.g., a conditions where cell or tissue repiar is needed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 7 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2007:29699 USPATFULL <<LOGINID::20080408>>
TITLE: Therapies for renal failure using interferon-beta
INVENTOR(S): Lobb, Roy R., Westwood, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2007025965	A1	20070201
APPLICATION INFO.:	US 2003-521513	A1	20030717 (10)
	WO 2003-US22440		20030717
			20051118 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-396393P	20020717 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: FOLEY HOAG, LLP, PATENT GROUP, WORLD TRADE CENTER WEST, 155 SEAPORT BLVD, BOSTON, MA, 02110, US
NUMBER OF CLAIMS: 32

EXEMPLARY CLAIM: 1-69
NUMBER OF DRAWINGS: 13 Drawing Page(s)
LINE COUNT: 3109
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention provides methods for the treatment, and pharmaceuticals for the use in the treatment, of mammalian subjects having, or at risk of developing, glomerulonephritis or chronic renal failure. The methods involve the administration of IFN-b therapeutics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 8 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2007:17006 USPATFULL <<LOGINID::20080408>>
TITLE: Steroid analogs and characterization and treatment methods
INVENTOR(S): Reading, Christopher L., San Diego, CA, UNITED STATES
Frincke, James M., San Diego, CA, UNITED STATES
Dowding, Charles, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2007014719	A1	20070118
APPLICATION INFO.:	US 2005-241670	A1	20050929 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-614869P	20040929 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOLLIS-EDEN PHARMACEUTICALS, INC., 4435 EASTGATE MALL,
SUITE 400, SAN DIEGO, CA, 92121, US
NUMBER OF CLAIMS: 11
EXEMPLARY CLAIM: 1
LINE COUNT: 24267
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention relates to methods to characterize exemplified compounds such as 3b, 17b-dihydroxyandrost-1,5,11 -triene and 3b, 17b-dihydroxy-17a-ethynylandrost-1,5,11-triene and to the use of described compounds to ameliorate or treat a condition such as thrombocytopenia, inflammation or other exemplified conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 9 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2007:7703 USPATFULL <<LOGINID::20080408>>
TITLE: Aromatic amine derivatives, their production and use
INVENTOR(S): Oi, Satoru, Nara, JAPAN
Suzuki, Nobuhiro, Tsukuba, JAPAN
Aso, Kazuyoshi, Takatsuki, JAPAN
Banno, Yoshihiro, Takatsuki, JAPAN
PATENT ASSIGNEE(S): Takeda Pharmaceutical Company Limited, Osaka, JAPAN (non-U.S. corporation)

	NUMBER	KIND	DATE

---------- ------ --------
PATENT INFORMATION: US 7160887 B1 20070109
WO 2000023420 20000427
APPLICATION INFO.: US 1999-807081 19991019 (9)
WO 1999-JP5755 19991019
20010406 PCT 371 date

NUMBER DATE
---------- --------
PRIORITY INFORMATION: JP 1998-298940 19981020
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Mckenzie, Thomas
ASSISTANT EXAMINER: Robinson, Binta
LEGAL REPRESENTATIVE: Ramesh, Elaine M., Chao, Mark
NUMBER OF CLAIMS: 18
EXEMPLARY CLAIM: 1
LINE COUNT: 9620
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Compounds of a formula:

##STR1## wherein Ring A represents an optionally-substituted aromatic ring; Ring B represents an optionally-substituted cyclic hydrocarbon group; Z represents an optionally-substituted cyclic group; R.sup.1 represents a hydrogen atom, an optionally-substituted hydrocarbon group, an optionally-substituted heterocyclic group, or an acyl group; R.sup.2 represents an optionally-substituted amino group; D represents a chemical bond or a divalent group; E represents --CO--, --CON(R.sup.a)--, COO--, N(R.sup.a)CON(R.sup.b)--, --N(R.sup.a)COO--, --N(R.sup.a)SO.sub.2--, N(R.sup.a)--, --O--, --S--, --SO-- or --SO.sub.2-- (in which R.sup.a and R.sup.b each independently represent a hydrogen atom or an optionally-substituted hydrocarbon group); G represents a chemical bond or a divalent group; L represents (1) a chemical bond or (2) a divalent hydrocarbon group optionally having from 1 to 5 substituents selected from;

(i) a C.sub.1-6 alkyl group,
(ii) a halogeno-C.sub.1-6 alkyl group,
(iii) a phenyl group,
(iv) a benzyl group,
(v) an optionally-substituted amino group,
(vi) an optionally-substituted hydroxy group, and
(vii) a carbamoyl or thiocarbamoyl group optionally substituted by:
<1> a C.sub.1-6 alkyl group,
<2> an optionally-substituted phenyl group, or
<3> an optionally-substituted heterocyclic group, and optionally interrupted by --O-- or --S--; X represents an oxygen atom, an optionally-oxidized sulfur atom, an optionally-substituted nitrogen atom, or an optionally-substituted divalent hydrocarbon group; Y represents two hydrogen atoms, an oxygen atom or a sulfur atom; . . . means that R.sup.2 may be bonded to the atom on Ring B to form a ring, or their salts, and a method for producing them.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 10 OF 41 MEDLINE on STN DUPLICATE 1

ACCESSION NUMBER: 2007636673 MEDLINE <<LOGINID::20080408>>
DOCUMENT NUMBER: PubMed ID: 17942968
TITLE: Interferon-beta reduces proteinuria in experimental glomerulonephritis.
AUTHOR: Satchell Simon C; Buchatska Olena; Khan Sarah B; Bhangal Gurjeet; Tasman Candida H; Saleem Moin A; Baker Darren P; Lobb Roy R; Smith Jennifer; Cook H Terence; Mathieson Peter W; Pusey Charles D
CORPORATE SOURCE: Academic Renal Unit, University of Bristol, Southmead Hospital, Bristol, UK.. s.c.satchell@bristol.ac.uk
CONTRACT NUMBER: 075731
SOURCE: Journal of the American Society of Nephrology : JASN, (2007 Nov) Vol. 18, No. 11, pp. 2875-84. Electronic Publication: 2007-10-17.
Journal code: 9013836. E-ISSN: 1533-3450.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE) (RESEARCH SUPPORT, NON-U.S. GOV'T)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200712
ENTRY DATE: Entered STN: 27 Oct 2007
Last Updated on STN: 14 Dec 2007
Entered Medline: 13 Dec 2007
AB Interferon-beta (IFN-beta) is a multifunctional cytokine with immunomodulatory properties. We examined the effect of IFN-beta in three separate rat models of glomerular injury and in cultured human glomerular endothelial cells and podocytes. In nephrotoxic nephritis in WKY rats, recombinant rat IFN-beta started either at induction or after establishment of disease significantly reduced 24-h proteinuria by up to 73% and 51%, respectively, but did not affect serum creatinine. There was a slight reduction in numbers of glomerular macrophages, but no difference in glomerular or tubulointerstitial scarring. In Thy-1 nephritis in Lewis rats, IFN-beta started at induction of disease reduced proteinuria by up to 66% with no effect on numbers of glomerular macrophages, but a reduced number of proliferating cells. In puromycin nephropathy in Wistar rats, IFN-beta started at induction of disease reduced proteinuria by up to 93%, but had no effect on glomerular histology. In cultured cells, human IFN-beta-1a had a dramatic effect on barrier properties, increasing electrical resistance across monolayers of either glomerular endothelial cells or podocytes and decreasing trans-monolayer passage of albumin. In conclusion, these results show that IFN-beta reduces proteinuria in three different rat models of glomerular injury and that its anti-proteinuric action may result from direct effects on cells that comprise the glomerular filtration barrier. These data indicate that IFN-beta may have potential as a therapeutic agent in proteinuric renal disease.

L3 ANSWER 11 OF 41 EMBASE COPYRIGHT (c) 2008 Elsevier B.V. All rights reserved on STN DUPLICATE 2
ACCESSION NUMBER: 2007539610 EMBASE <<LOGINID::20080408>>
TITLE: Interferon-b: A novel way to treat nephrotic syndrome?.
AUTHOR: Rees, Andrew J., Prof. (correspondence); Kain, Renate
CORPORATE SOURCE: Institute of Clinical Pathology, Medical University of Vienna, Wahringer Gurtel 18-20, A-1080 Vienna, Austria.

andrew.rees@mediuniwien.ac.at
SOURCE: Journal of the American Society of Nephrology, (Nov 2007)
Vol. 18, No. 11, pp. 2797-2798.
Refs: 15
ISSN: 1046-6673 CODEN: JASNEU
COUNTRY: United States
DOCUMENT TYPE: Journal; Editorial
FILE SEGMENT: 028 Urology and Nephrology
030 Clinical and Experimental Pharmacology
037 Drug Literature Index
LANGUAGE: English
ENTRY DATE: Entered STN: 19 Nov 2007
Last Updated on STN: 19 Nov 2007

L3 ANSWER 12 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2006:321793 USPATFULL <<LOGINID::20080408>>
TITLE: Methods and compositions related to joint inflammation diseases
INVENTOR(S): Ritchlin, Christopher T., Canadagua, NY, UNITED STATES
Haas-Smith, Sally, Ridgefield, CT, UNITED STATES
Schwarz, Edward, Rochester, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006275834	A1	20061207
APPLICATION INFO.:	US 2004-548389	A1	20040315 (10)
	WO 2004-US8168		20040315
			20060726 PCT 371 date

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2004-799345, filed on 12 Mar 2004, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-454573P	20030314 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: NEEDLE & ROSENBERG, P.C., SUITE 1000, 999 PEACHTREE STREET, ATLANTA, GA, 30309-3915, US
NUMBER OF CLAIMS: 93
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 34 Drawing Page(s)
LINE COUNT: 6849
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Disclosed are compositions and methods related to joint inflammation diseases. Disclosed is the relationship between osteoclasts and inflammatory joint diseases and osteoclast cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 13 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2006:301052 USPATFULL <<LOGINID::20080408>>
TITLE: Ligand
INVENTOR(S): Winter, Greg, Great Court, UNITED KINGDOM
Tomlinson, Ian, Abington, UNITED KINGDOM
Ignatovich, Olga, Abington, UNITED KINGDOM
Woolven, Ben, Abington, UNITED KINGDOM

Jones, Philip, Impington, UNITED KINGDOM
PATENT ASSIGNEE(S): Domantis Limited (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006257406	A1	20061116
APPLICATION INFO.:	US 2005-141661	A1	20050531 (11)

RELATED APPLN. INFO.: Continuation of Ser. No. WO 2003-GB5646, filed on 24 Dec 2003, UNKNOWN

	NUMBER	DATE
PRIORITY INFORMATION:	GB 2002-30202	20021227
	GB 2003-27706	20031128
	WO 2003-GB2804	20030630

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PALMER & DODGE, LLP, KATHLEEN M. WILLIAMS, 111 HUNTINGTON AVENUE, BOSTON, MA, 02199, US
NUMBER OF CLAIMS: 48
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 28 Drawing Page(s)
LINE COUNT: 7644
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention provides a dual-specific ligand comprising a first immunoglobulin variable domain having a first binding specificity for a target ligand and a complementary or non-complementary immunoglobulin variable domain having a second binding specificity for a receptor of the target ligand.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 14 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2006:288496 USPATFULL <<LOGINID::20080408>>
TITLE: Methods and compositions for evaluating graft survival in a solid organ transplant recipient
INVENTOR(S): Sarwal, Minnie S., Portola Valley, CA, UNITED STATES
Mansfield, Elaine S., Sunnyvale, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006246485	A1	20061102
APPLICATION INFO.:	US 2006-375681	A1	20060313 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2005-662083P	20050314 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: BOZICEVIC, FIELD & FRANCIS LLP, 1900 UNIVERSITY AVENUE, SUITE 200, EAST PALO ALTO, CA, 94303, US
NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Page(s)
LINE COUNT: 1992

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods are provided for evaluating a subject for graft survival, e.g., in terms of predicting graft survival, identifying the presence of a deleterious graft condition, such as CAN and DT, identifying the severity and class of acute rejection, etc, in a subject are provided. In practicing the subject methods, the expression of at least one gene in a sample from the subject, e.g., a blood or biopsy sample, is assayed, e.g., at the nucleic acid and/or protein level, to evaluate the subject. Also provided are compositions, systems and kits that find use in practicing the subject methods. The methods and compositions find use in a variety of applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 15 OF 41 USPATFULL on STN

ACCESSION NUMBER: 2006:125468 USPATFULL <<LOGINID::20080408>>

TITLE: Ligand

INVENTOR(S): Winter, Greg, Cambridge, UNITED KINGDOM
Tomlinson, Ian, Cambridgeshire, UNITED KINGDOM
Ignatovich, Olga, Cambridgeshire, UNITED KINGDOM
Holt, Lucy, Cambridgeshire, UNITED KINGDOM
De Angelis, Elena, Cambridgeshire, UNITED KINGDOM
Jones, Philip C., Abington, UNITED KINGDOM

PATENT ASSIGNEE(S): Domantis Limited (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006106203	A1	20060518
APPLICATION INFO.:	US 2004-23959	A1	20041228 (11)

RELATED APPLN. INFO.: Continuation of Ser. No. WO 2003-GB2804, filed on 30 Jun 2003, UNKNOWN

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2002-GB3014	20020628
	GB 2002-30202	20021227

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: PALMER & DODGE, LLP, KATHLEEN M. WILLIAMS, 111 HUNTINGTON AVENUE, BOSTON, MA, 02199, US

NUMBER OF CLAIMS: 83

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 17 Drawing Page(s)

LINE COUNT: 6926

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides a dual-specific ligand comprising a first immunoglobulin variable domain having a first binding specificity and a complementary or non-complementary immunoglobulin variable domain having a second binding specificity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 16 OF 41 USPATFULL on STN

ACCESSION NUMBER: 2006:98549 USPATFULL <<LOGINID::20080408>>

TITLE: Interferon beta-like molecules for treatment of stroke

INVENTOR(S): Glazer, Steven, Copenhagen N, DENMARK

Sager, Thomas, Smoerum, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006083715	A1	20060420
APPLICATION INFO.:	US 2003-506954	A1	20030228 (10)
	WO 2003-DK127		20030228
			20050609 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	DK 2002-371	20020312

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MAXYGEN, INC., INTELLECTUAL PROPERTY DEPARTMENT, 515
GALVESTON DRIVE, RED WOOD CITY, CA, 94063, US
NUMBER OF CLAIMS: 40
EXEMPLARY CLAIM: 1-7
LINE COUNT: 2700
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to use of interferon beta-like polypeptides for treatment of stroke or transient ischemic attach in a primate, preferably in a human. More particularly, the interferon beta-like polypeptides differs from the amino acid sequence of wild-type human IFNB (SEQ ID NO:2) in that at least one glycosylation site, preferably at least one in vivo N-glycosyltaion site has been introduced. Optionally the interferon beta-like polypeptides are PEGylated.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 17 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2006:86142 USPATFULL <<LOGINID::20080408>>
TITLE: Compositions and methods for treating inflammatory disorders
INVENTOR(S): Ignatovich, Olga, Cambridge, UNITED KINGDOM
de Wildt, Rudolf Maria Theodora, Cambridge, UNITED KINGDOM
Woolven, Benjamin, Cambridge, UNITED KINGDOM
Grant, Steven, Cambridge, UNITED KINGDOM
Jones, Philip C., Cambridge, UNITED KINGDOM
Basran, Amrik, Cambridge, UNITED KINGDOM
Brewis, Neil, Cambridge, UNITED KINGDOM
PATENT ASSIGNEE(S): Domantis Limited (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006073141	A1	20060406
APPLICATION INFO.:	US 2005-98758	A1	20050404 (11)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2004-925366, filed on 24 Aug 2004, PENDING Continuation-in-part of Ser. No. US 2003-744774, filed on 23 Dec 2003, PENDING Continuation-in-part of Ser. No. WO 2003-GB2804, filed on 30 Jun 2003, UNKNOWN Continuation-in-part of Ser. No. WO 2002-GB3014, filed on 28 Jun 2002, UNKNOWN

Continuation-in-part of Ser. No. WO 2004-GB2829, filed on 30 Jun 2004, UNKNOWN Continuation-in-part of Ser. No. WO 2003-GB5646, filed on 24 Dec 2003, UNKNOWN

	NUMBER	DATE
PRIORITY INFORMATION:	GB 2002-30202	20021227
	GB 2001-115841	20010628
	GB 2003-27706	20031128
	US 2004-535076P	20040108 (60)
	US 2003-509613P	20031008 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PALMER & DODGE, LLP, KATHLEEN M. WILLIAMS, 111 HUNTINGTON AVENUE, BOSTON, MA, 02199, US
NUMBER OF CLAIMS: 66
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 29 Drawing Page(s)
LINE COUNT: 14459
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention relates to compositions and methods for treating inflammatory disorders. More specifically, the invention relates to antibody compositions and their use in the treatment of inflammatory disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 18 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2006:74872 USPATFULL <<LOGINID::20080408>>
TITLE: Ligand
INVENTOR(S): Moulder, Kevin, Cambridge, UNITED KINGDOM
Tomlinson, Ian, Cambridge, UNITED KINGDOM
PATENT ASSIGNEE(S): Domantis Limited (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006063921	A1	20060323
APPLICATION INFO.:	US 2005-217919	A1	20050901 (11)

RELATED APPLN. INFO.: Division of Ser. No. US 2004-23959, filed on 28 Dec 2004, PENDING Continuation of Ser. No. WO 2003-GB2804, filed on 30 Jun 2003, UNKNOWN

	NUMBER	DATE
PRIORITY INFORMATION:	GB 2002-30202	20021227
	WO 2002-GB3014	20020628

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PALMER & DODGE, LLP, KATHLEEN M. WILLIAMS, 111 HUNTINGTON AVENUE, BOSTON, MA, 02199, US
NUMBER OF CLAIMS: 94
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 17 Drawing Page(s)
LINE COUNT: 6936
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention provides a dual-specific ligand comprising a first

immunoglobulin variable domain having a first binding specificity and a complementary or non-complementary immunoglobulin variable domain having a second binding specificity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 19 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2006:3480 USPATFULL <<LOGINID::20080408>>
TITLE: Tumor Necrosis Factor Receptor 1 antagonists and methods of use therefor
INVENTOR(S): Brewis, Neil D., Hauxton, UNITED KINGDOM
Woolven, Benjamin P., Bedford, UNITED KINGDOM
Holmes, Steve, Great Chishill, UNITED KINGDOM
Tomlinson, Ian M., Great Shelford, UNITED KINGDOM
PATENT ASSIGNEE(S): Domantis Limited, Cambridge, UNITED KINGDOM (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006002935	A1	20060105
APPLICATION INFO.:	US 2004-985847	A1	20041110 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 2004-GB4253, filed on 8 Oct 2004, UNKNOWN Continuation-in-part of Ser. No. WO 2003-GB5646, filed on 24 Dec 2003, UNKNOWN Continuation-in-part of Ser. No. WO 2003-GB2804, filed on 30 Jun 2003, UNKNOWN Continuation-in-part of Ser. No. WO 2002-GB3014, filed on 28 Jun 2002, UNKNOWN

	NUMBER	DATE
PRIORITY INFORMATION:	GB 2002-30202	20021227
	GB 2003-27706	20031128

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C., 530 VIRGINIA ROAD, P.O. BOX 9133, CONCORD, MA, 01742-9133, US
NUMBER OF CLAIMS: 32
EXEMPLARY CLAIM: 1-44
NUMBER OF DRAWINGS: 68 Drawing Page(s)
LINE COUNT: 6630
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention provides methods for treating inflammatory diseases (e.g., chronic inflammatory diseases) comprising administering an antagonist of Tumor Necrosis Factor Receptor 1. The invention also provides antagonists of Tumor Necrosis Factor Receptor 1, such as ligands that contain an immunoglobulin single variable domain or domain antibody (dAb) monomer that binds Tumor Necrosis Factor Receptor 1, and methods of using the ligands. Also provided are nucleic acids encoding the ligands, recombinant host cells and methods for preparing the ligands.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 20 OF 41 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:1114172 CAPLUS <<LOGINID::20080408>>
DOCUMENT NUMBER: 146:204506
TITLE: Genetic susceptibility to PolyI:C-induced

IFNa/b-dependent accelerated disease in lupus-prone mice

AUTHOR(S): Jorgensen, T. N.; Thurman, J.; Izui, S.; Falta, M. T.; Metzger, T. E.; Flannery, S. A.; Kappler, J.; Marrack, P.; Kotzin, B. L.

CORPORATE SOURCE: Division of Clinical Immunology, University of Colorado Health Sciences Center, Denver, CO, 80206, USA

SOURCE: Genes and Immunity (2006), 7(7), 555-567
CODEN: GEIMA2; ISSN: 1466-4879

PUBLISHER: Nature Publishing Group

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Systemic lupus erythematosus (SLE) is an autoimmune disease of unknown etiol. Assocns. between viral infections and the onset of SLE have been suggested, and recent studies have provided evidence that type I interferons (IFNa/b) might play a role in the SLE disease process. Viruses and interferons have also been implicated in mouse models of SLE. We generated a model of accelerated proteinuria, in which lupus-prone mice were injected repeatedly with polyinosinic:polycytidylic acid (polyI:C), mimicking exposure to virus-derived double stranded RNA (dsRNA), leading to the production of IFNa/b. PolyI:C-treated (B6.Nba2 + NZW)F1 and (B6 + NZW)F1 hybrid mice developed significantly increased levels of anti-dsDNA autoantibodies, characteristic of lupus. Most significantly, polyI:C-treated (B6.Nba2 + NZW)F1 mice, but not (B6 + NZW)F1 or parental strains, developed lupus-like nephritis in an accelerated fashion, which was dependent on IFNa/b and associated with elevated deposition of total IgG, IgG2a and complement factor C3 in the glomerular capillary walls. These data suggest that reagents, which increase the levels of endogenous IFNa/b (directly or indirectly), can accelerate the course of lupus-like nephritis, the development of which is dependent on the presence of both NZW- and Nba2-encoded genes.

REFERENCE COUNT: 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 21 OF 41 MEDLINE on STN DUPLICATE 3

ACCESSION NUMBER: 2006578400 MEDLINE <<LOGINID::20080408>>
DOCUMENT NUMBER: PubMed ID: 17009081

TITLE: Nephrotic syndrome associated with interferon-beta-1b therapy for multiple sclerosis.

AUTHOR: Kumasaka Ryuichiro; Nakamura Norio; Shirato Kenichi; Fujita Takeshi; Murakami Reiichi; Shimada Michiko; Nakamura Masayuki; Osawa Hiroshi; Yamabe Hideaki; Okumura Ken

CORPORATE SOURCE: The Second Department of Internal Medicine, Hirosaki University School of Medicine, 5 Zaifu-cho, Hirosaki, Aomori, 036-8562, Japan.. rkuma-cc@umin.ac.jp

SOURCE: Clinical and experimental nephrology, (2006 Sep) Vol. 10, No. 3, pp. 222-5.
Journal code: 9709923. ISSN: 1342-1751.

PUB. COUNTRY: Japan

DOCUMENT TYPE: (CASE REPORTS)
Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200612
ENTRY DATE: Entered STN: 30 Sep 2006
Last Updated on STN: 19 Dec 2006
Entered Medline: 11 Dec 2006
AB A 43-year-old woman with multiple sclerosis (MS) had nephrotic syndrome 21 months after starting treatment with interferon (IFN)-beta-1b (subcutaneous administration). She had taken no drug except for the IFN-beta-1b. Because nephrotic syndrome may be induced by IFN therapy, the IFN was stopped. Percutaneous renal biopsy revealed that she had minimal change nephrotic syndrome. As nephrotic-range proteinuria, hypoalbuminemia, and general edema were worsening even 2 weeks after cessation of the drug, oral corticosteroid therapy (prednisolone 40 mg/day) was started. The nephrotic syndrome was treated successfully with prednisolone. The dosage of prednisolone was tapered, without a relapse, and then the corticosteroid therapy was stopped. IFN-beta-1b therapy was then resumed, and the patient is in remission for both nephrotic syndrome and MS. Though proteinuria and nephrotic syndrome is a rare adverse effect of IFN-beta-1b therapy, physicians treating MS patients with this agent should pay careful attention to new clinical symptoms and laboratory findings.

L3 ANSWER 22 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2005:312046 USPATFULL <<LOGINID::20080408>>
TITLE: Compositions and methods for treating inflammatory disorders
INVENTOR(S): Ignatovich, Olga, Cambridge, UNITED KINGDOM
de Wildt, Rudolf Maria Theodora, Cambridge, UNITED KINGDOM
Woolven, Benjamin, Cambridge, UNITED KINGDOM
Grant, Steven, Cambridge, UNITED KINGDOM
Jones, Philip C., Cambridge, UNITED KINGDOM
Basran, Amrik, Cambridge, UNITED KINGDOM
Brewis, Neil, Cambridge, UNITED KINGDOM
PATENT ASSIGNEE(S): Domantis Limited (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005271663	A1	20051208
APPLICATION INFO.:	US 2004-925366	A1	20040824 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2003-744774, filed on 23 Dec 2003, PENDING Continuation-in-part of Ser. No. WO 2003-GB2804, filed on 30 Jun 2003, UNKNOWN Continuation-in-part of Ser. No. WO 2002-GB3014, filed on 28 Jun 2002, UNKNOWN Continuation-in-part of Ser. No. WO 2004-GB2829, filed on 30 Jun 2004, UNKNOWN Continuation-in-part of Ser. No. WO 2003-GB5646, filed on 24 Dec 2003, UNKNOWN

	NUMBER	DATE
PRIORITY INFORMATION:	GB 2002-30202	20021227
	GB 2001-115841	20010628
	GB 2003-27706	20031128
	US 2004-535076P	20040108 (60)
	US 2003-509613P	20031008 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PALMER & DODGE, LLP, KATHLEEN M. WILLIAMS, 111 HUNTINGTON AVENUE, BOSTON, MA, 02199, US
NUMBER OF CLAIMS: 158
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 27 Drawing Page(s)
LINE COUNT: 13839
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention relates to compositions and methods for treating inflammatory disorders. More specifically, the invention relates to antibody compositions and their use in the treatment of inflammatory disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 23 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2005:281582 USPATFULL <<LOGINID::20080408>>
TITLE: Use of compounds having ccr antagonism
INVENTOR(S): Tsuchimori, Noboru, Amagasaki-shi Hyogo, JAPAN
Iizawa, Yuji, Muko-shi, JAPAN
Shiraishi, Mitsuru, Amagasaki-shi, JAPAN
Sugihara, Yoshihiro, Ikoma-shi Nara, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005245537	A1	20051103
APPLICATION INFO.:	US 2003-511112	A1	20030423 (10)
	WO 2003-JP5172		20030423
			20041021 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2002-122832	20020424

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: TAKEDA PHARMACEUTICALS NORTH AMERICA, INC, INTELLECTUAL
PROPERTY DEPARTMENT, 475 HALF DAY ROAD, SUITE 500, LINCOLNSHIRE, IL, 60069, US
NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
LINE COUNT: 7536
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB It is intended to provide preventives/remedies for graft-versus-host disease and/or rejection in organ or bone marrow transplantation, rheumatoid arthritis, autoimmune diseases, allergic diseases, ischemic cerebral cell injury, myocardial infarction, chronic nephritis and arteriosclerosis. The above object can be achieved by preventives/remedies for graft-versus-host disease and/or rejection in organ or bone marrow transplantation, rheumatoid arthritis, autoimmune diseases, allergic diseases, ischemic cerebral cell injury, myocardial infarction, chronic nephritis and arteriosclerosis characterized by containing a specific compound having a CCR (CC chemokine receptor) antagonism.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 24 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2005:112372 USPATFULL <<LOGINID::20080408>>
TITLE: Full-length human cDNAs encoding potentially secreted proteins
INVENTOR(S): Dumas Milne Edwards, Jean-Baptiste, Paris, FRANCE
Bougueleret, Lydie, Petit Lancy, SWITZERLAND
Jobert, Severin, Paris, FRANCE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005096458	A1	20050505
	US 7271243	B2	20070918
APPLICATION INFO.:	US 2003-643836	A1	20030819 (10)

RELATED APPLN. INFO.: Division of Ser. No. US 2000-731872, filed on 7 Dec 2000, ABANDONED

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-169629P	19991208 (60)
	US 2000-187470P	20000306 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SALIWANCHIK LLOYD & SALIWANCHIK, A PROFESSIONAL ASSOCIATION, PO BOX 142950, GAINESVILLE, FL, 32614-2950, US
NUMBER OF CLAIMS: 16
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 5 Drawing Page(s)
LINE COUNT: 28075
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention concerns GENSET polynucleotides and polypeptides. Such GENSET products may be used as reagents in forensic analyses, as chromosome markers, as tissue/cell/organelle-specific markers, in the production of expression vectors. In addition, they may be used in screening and diagnosis assays for abnormal GENSET expression and/or biological activity and for screening compounds that may be used in the treatment of GENSET-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 25 OF 41 MEDLINE on STN DUPLICATE 4
ACCESSION NUMBER: 2005573861 MEDLINE <<LOGINID::20080408>>
DOCUMENT NUMBER: PubMed ID: 16221871
TITLE: Interferon-beta: a therapeutic for autoimmune lupus in MRL-Faslpr mice.
AUTHOR: Schwarting Andreas; Paul Kathrin; Tschirner Stefan; Menke Julia; Hansen Torsten; Brenner Walburgis; Kelley Vicki Rubin; Relle Manfred; Galle Peter R
CORPORATE SOURCE: First Department of Medicine, Johannes-Gutenberg University of Mainz, Langenbeckstrasse 1, Mainz 55131, Germany.. aschwart@mail.uni-mainz.de
CONTRACT NUMBER: R01-DK 36149 (United States NIDDK)
R01-DK 52369 (United States NIDDK)
SOURCE: Journal of the American Society of Nephrology : JASN, (2005

Nov) Vol. 16, No. 11, pp. 3264-72. Electronic Publication: 2005-10-12.
Journal code: 9013836. ISSN: 1046-6673.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE) (RESEARCH SUPPORT, N.I.H., EXTRAMURAL) (RESEARCH SUPPORT, NON-U.S. GOV'T)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200603
ENTRY DATE: Entered STN: 28 Oct 2005
Last Updated on STN: 3 Mar 2006
Entered Medline: 2 Mar 2006
AB Type I interferons are associated with lupus. Genes that are regulated by IFN-alpha are upregulated in pediatric lupus patients. Gene deletion of the IFN-alpha/beta receptor in experimental lupus-like NZB mice results in reduced disease activity. Conversely, IFN-beta is a well-established treatment in multiple sclerosis, another autoimmune disease. For determining whether IFN-beta treatment is harmful or beneficial in lupus, MRL-Fas(lpr) mice were injected with this type I IFN. Treatment was initiated in MRL-Fas(lpr) mice with mild and advanced disease. IFN-beta was highly effective in prolonging survival and ameliorating the clinical (renal function, proteinuria, splenomegaly, and skin lesions), serologic (autoantibodies and cytokines), and histologic parameters of the lupus-like disease in mice that had mild and advanced disease. Several underlying mechanisms of IFN-beta therapy involving cellular (decreased T cell proliferation and infiltration of leukocytes into the kidney) and humoral (decrease in IgG3 isotypes) immune responses and a reduction in nephrogenic cytokines were identified. In conclusion, IFN-beta treatment of lupus nephritis in MRL-Fas(lpr) mice is remarkably beneficial and suggests that IFN-beta may be an appealing therapeutic candidate for subtypes of human lupus.

L3 ANSWER 26 OF 41 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1244012 CAPLUS <<LOGINID::20080408>>
DOCUMENT NUMBER: 144:266826
TITLE: More targeted treatments for lupus nephritis: Is the future here?
AUTHOR(S): Kitching, A. Richard
CORPORATE SOURCE: Centre for Inflammatory Diseases, Monash Medical Centre, Monash University Department of Medicine, Clayton, Victoria, Australia
SOURCE: Journal of the American Society of Nephrology (2005), 16(11), 3146-3148
CODEN: JASNEU; ISSN: 1046-6673
PUBLISHER: American Society of Nephrology
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The research of Patole et al. (2005) entitled "G-rich DNA suppresses systemic lupus" and of Schwarting et al. (2005) entitled "Interferon-beta: A therapeutic for autoimmune lupus in MRL-Fas(lpr) mice" are reviewed with commentary and refs. These two studies both use the MRLlpr/lpr mouse as a model of lupus nephritis. Patole et al. use synthetic G-rich DNA in an intervention study to block the effects of hypomethylated DNA on Toll-like receptor 9 (TLR9). Schwarting et al. report on amelioration of lupus nephritis with markedly reduced mortality in MRLlpr/lpr mice

treated with interferon-beta. These studies may point the way toward more specific therapies for this disease. However, there remain several major hurdles before more effective and targeted therapies are delivered to people with lupus nephritis.

REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 27 OF 41 MEDLINE on STN DUPLICATE 5
ACCESSION NUMBER: 2005548856 MEDLINE <<LOGINID::20080408>>
DOCUMENT NUMBER: PubMed ID: 16225183
TITLE: Nephrotic syndrome in a multiple sclerosis patient treated with interferon beta 1a.
AUTHOR: Auty Anthony; Saleh Abdulkarim
CORPORATE SOURCE: Division of Neurology, Department of Medicine, Shaikh Khalifa Medical Centre, Abu Dhabi, United Arab Emirates.
SOURCE: The Canadian journal of neurological sciences. Le journal canadien des sciences neurologiques, (2005 Aug) Vol. 32, No. 3, pp. 366-8.
Journal code: 0415227. ISSN: 0317-1671.
PUB. COUNTRY: Canada
DOCUMENT TYPE: (CASE REPORTS)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200511
ENTRY DATE: Entered STN: 18 Oct 2005
Last Updated on STN: 15 Dec 2005
Entered Medline: 30 Nov 2005
AB BACKGROUND: Interferon beta has become standard therapy for reducing relapse frequency in relapsing/remitting Multiple Sclerosis (RRMS). Several different preparations are available including interferon beta 1a (Avonex, Rebif) and interferon beta 1b (Betaferon/Betaseron). For the most part these preparations have been considered safe. Recently there have been concerns relating to liver and now kidney toxicity. CASE REPORT: We present a case of a 28-yr-old male who developed a severe case of nephrotic syndrome while being treated for relapsing/remitting Multiple Sclerosis (RRMS) with weekly injections of interferon beta 1a. SUBSEQUENT COURSE: The nephrosis resolved almost completely once the interferon was stopped and after immunosuppressive treatment. At its peak the daily protein loss was 35.82 g. Kidney biopsy demonstrated membranous glomerulonephritis. DISCUSSION: Two other case reports of nephrotic syndrome have been reported in the literature. This latest (third) report suggests that the safety profile should be reexamined and at least raises the question of potential renal toxicity of interferons in MS.

L3 ANSWER 28 OF 41 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:60234 CAPLUS <<LOGINID::20080408>>
DOCUMENT NUMBER: 140:127206
TITLE: Interferon b and human IgG1 Fc chimeric proteins for treating glomerulonephritis and chronic renal failure
INVENTOR(S): Lobb, Roy R.
PATENT ASSIGNEE(S): Biogen Inc., USA
SOURCE: PCT Int. Appl., 90 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004006756	A2	20040122	WO 2003-US22440	20030717
WO 2004006756	A3	20040819		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2492649	A1	20040122	CA 2003-2492649	20030717
AU 2003256603	A1	20040202	AU 2003-256603	20030717
EP 1553971	A2	20050720	EP 2003-764795	20030717

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

CN 1681527	A	20051012	CN 2003-822107	20030717
JP 2005537269	T	20051208	JP 2004-521961	20030717
NZ 538217	A	20070427	NZ 2003-538217	20030717
BR 2003012947	A	20070710	BR 2003-12947	20030717
ZA 2005000342	A	20060726	ZA 2005-342	20050113
MX 2005PA00658	A	20050819	MX 2005-PA658	20050114
NO 2005000827	A	20050415	NO 2005-827	20050216
US 20070025965	A1	20070201	US 2005-521513	20051118

PRIORITY APPLN. INFO.: US 2002-396393P P 20020717
WO 2003-US22440 W 20030717

AB The present invention provides methods for the treatment, and pharmaceuticals for the use in the treatment, of mammalian subjects having, or at risk of developing, glomerulonephritis or chronic renal failure. The methods involve the administration of IFN-b therapeutics.

L3 ANSWER 29 OF 41 MEDLINE on STN DUPLICATE 6
ACCESSION NUMBER: 2003331930 MEDLINE <<LOGINID::20080408>>
DOCUMENT NUMBER: PubMed ID: 12862038
TITLE: Recurrent nephrotic syndrome in patient with multiple sclerosis treated with interferon beta-1a.
AUTHOR: Tola Maria Rosaria; Caniatti Luisa Maria; Gragnaniello Daniela; Russo Monia; Stabellini Nevio; Granieri Enrico
SOURCE: Journal of neurology, (2003 Jun) Vol. 250, No. 6, pp. 768-9.
Journal code: 0423161. ISSN: 0340-5354.
PUB. COUNTRY: Germany: Germany, Federal Republic of
DOCUMENT TYPE: (CASE REPORTS)
Letter
LANGUAGE: English

FILE SEGMENT: Priority Journals
ENTRY MONTH: 200308
ENTRY DATE: Entered STN: 17 Jul 2003
Last Updated on STN: 28 Aug 2003
Entered Medline: 27 Aug 2003

L3 ANSWER 30 OF 41 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2003:282418 CAPLUS <<LOGINID::20080408>>
DOCUMENT NUMBER: 138:270306
TITLE: Use of interferon b in the therapy of systemic lupus erythematosus
INVENTOR(S): Schwarting, Andreas; Galle, Peter R.
PATENT ASSIGNEE(S): Germany
SOURCE: PCT Int. Appl., 20 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003028753	A1	20030410	WO 2002-DE3669	20020927
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10148417	A1	20030417	DE 2001-10148417	20010929
AU 2002347065	A1	20030414	AU 2002-347065	20020927

PRIORITY APPLN. INFO.: DE 2001-10148417 A 20010929
WO 2002-DE3669 W 20020927

AB Disclosed is the use of interferon b for the production of an agent for the prevention and treatment of SLE and improvement of kidney function, glomerulonephritis, proteinuria, splenomegaly, encephalomyelitis and collagen-induced arthritis, for the prevention of leukocyte infiltration and the prevention of IgG-deposits in kidneys. Said agent is particularly suitable for the treatment of SLE WHO-type IV.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 31 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2003:214384 USPATFULL <<LOGINID::20080408>>
TITLE: 1,5-benzodiazepine compounds, their production and use
INVENTOR(S): Oi, Satoru, Nara-shi, JAPAN
Suzuki, Nobuhiro, Tsukuba-shi, JAPAN
Matsumoto, Takahiro, Kawabe-gun, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003149027	A1	20030807

APPLICATION INFO.: US 2001-894105 A1 20010628 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1998-298941	19981020

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: TAKEDA PHARMACEUTICALS NORTH AMERICA, INC, INTELLECTUAL
PROPERTY DEPARTMENT, 475 HALF DAY ROAD, SUITE 500,
LINCOLNSHIRE, IL, 60069
NUMBER OF CLAIMS: 18
EXEMPLARY CLAIM: 1
LINE COUNT: 5350
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A compound represented by the formula (I) ##STR1##

[wherein ring B represents a cyclic hydrocarbon group which may have substituent(s); Z represents hydrogen atom or a cyclic group which may have substituent(s); R.sup.1 represents hydrogen atom, a hydrocarbon group which may have substituent(s), a heterocyclic group which may have substituent(s) or an acyl group; R.sup.2 represents amino group which may have substituent(s); D represents a bond or a divalent group; E represents a bond, --CO--, --CON(R.sup.a)--, --COO--, --N(R.sup.a)CON(R.sup.b)--, --N(R.sup.a)COO--, --N(R.sup.a)SO.sub.2--, --N(R.sup.a)--, --O--, --S--, --SO-- or --SO.sub.2-- (R.sup.a and R.sup.b each independently represents hydrogen atom or a hydrocarbon group which may have substituent(s)); G represents a bond or a divalent group; L represents a bond or a divalent group; A represents hydrogen atom or a substituent; X and Y each represents hydrogen atom or an independent substituent; and . . . represents that R.sup.2 and an atom on ring B may form a ring] or a salt thereof, and a process for producing the same.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 32 OF 41 EMBASE COPYRIGHT (c) 2008 Elsevier B.V. All rights reserved on STN
ACCESSION NUMBER: 2003241245 EMBASE <<LOGINID::20080408>>
TITLE: Recurrent nephrotic syndrome in patient with multiple sclerosis treated with interferon beta-1a [8].
AUTHOR: Tola, Maria Rosaria, Prof. (correspondence); Caniatti, Luisa Maria; Gragnaniello, Daniela; Russo, Monia; Granieri, Enrico
CORPORATE SOURCE: Department of Neurosciences, Azienda Osp. Univ. S. Anna, Corso della Giovecca, 203, CAP 44100 Ferrara, Italy.
tlr@dns.unife.it
AUTHOR: Stabellini, Nevio
CORPORATE SOURCE: Nephrology Division, Azienda Osp. Univ. S. Anna, Corso della Giovecca, 203, CAP 44100 Ferrara, Italy.
SOURCE: Journal of Neurology, (1 Jun 2003) Vol. 250, No. 6, pp. 768-769.
Refs: 8
ISSN: 0340-5354 CODEN: JNRYA9
COUNTRY: Germany

DOCUMENT TYPE: Journal; Letter
FILE SEGMENT: 026 Immunology, Serology and Transplantation
028 Urology and Nephrology
037 Drug Literature Index
038 Adverse Reactions Titles
008 Neurology and Neurosurgery
LANGUAGE: English
ENTRY DATE: Entered STN: 3 Jul 2003
Last Updated on STN: 3 Jul 2003

L3 ANSWER 33 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2002:191539 USPATFULL <<LOGINID::20080408>>
TITLE: Full-length human cDNAs encoding potentially secreted proteins
INVENTOR(S): Milne Edwards, Jean-Baptiste Dumas, Paris, FRANCE
Bougueleret, Lydie, Petit Lancy, SWITZERLAND
Jobert, Severin, Paris, FRANCE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002102604	A1	20020801
APPLICATION INFO.:	US 2000-731872	A1	20001207 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-169629P	19991208 (60)
	US 2000-187470P	20000306 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: John Lucas, Ph.D., J.D., Genset Corporation, 10665 Srrento Valley Road, San Diego, CA, 92121-1609
NUMBER OF CLAIMS: 29
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 5 Drawing Page(s)
LINE COUNT: 28061
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention concerns GENSET polynucleotides and polypeptides. Such GENSET products may be used as reagents in forensic analyses, as chromosome markers, as tissue/cell/organelle-specific markers, in the production of expression vectors. In addition, they may be used in screening and diagnosis assays for abnormal GENSET expression and/or biological activity and for screening compounds that may be used in the treatment of GENSET-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 34 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2002:45607 USPATFULL <<LOGINID::20080408>>
TITLE: 4,1-benzoxazepines, their analogues, and their use as somatostatin agonists
INVENTOR(S): Mabuchi, Hiroshi, Nara, JAPAN
Suzuki, Nobuhiro, Tsukuba, JAPAN
Miki, Takashi, Osaka, JAPAN
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Osaka, JAPAN (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6352982	B1	20020305
	WO 9847882		19981029
APPLICATION INFO.:	US 1999-403066		19991014 (9)
	WO 1998-JP1797		19980420
			19991014 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1997-103138	19970421
	JP 1997-319545	19971120

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Kifle, Bruck
ASSISTANT EXAMINER: Liu, Hong
LEGAL REPRESENTATIVE: Riesen, Philippe Y., Chao, Mark
NUMBER OF CLAIMS: 31
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 10436
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention provides a compound of the formula: ##STR1##

wherein ring A is an optionally substituted aromatic hydrocarbon ring or aromatic heterocyclic ring; ring B is an optionally substituted aromatic hydrocarbon ring or aromatic heterocyclic ring; Z is an optionally substituted cyclic group or linear hydrocarbon group; R.sup.1 is a hydrogen atom, an optionally substituted hydrocarbon group or heterocyclic ring; R.sup.2 is an optionally substituted amino group; D is a bond or an optionally substituted divalent hydrocarbon group; E is a bond, --CON(R.sup.a)--, --N(R.sup.a)CO--, --N(R.sup.b)CON(R.sup.c)--, --N(R.sup.d)COO--, --N(R.sup.e)SO.sub.2--, --COO--, --N(R.sup.f)--, --O--, --S-- --SO--, --SO.sub.2--, ##STR2##

(in which R.sup.a, R.sup.b, R.sup.c, R.sup.d, R.sup.e and R.sup.f are respectively a hydrogen atom or an optionally substituted hydrocarbon group); G is a bond or an optionally divalent substituted hydrocarbon group; L is a divalent group;

ring B may form an optionally substituted non-aromatic condensed nitrogen-containing heterocyclic ring by combining with R.sup.2; X is two hydrogen atoms, an oxygen atom or a sulfur atom; {character pullout} is a single bond or a double bond, and Y is a nitrogen atom when {character pullout} is a double bond, or an oxygen atom, --N(R.sup.4)-- (in which R.sup.4 is a hydrogen atom, an optionally substituted hydrocarbon group or an acyl group) or S(O).sub.n (in which n is 0, 1 or 2) when {character pullout} is a single bond, or a salt thereof, which have somatostatin receptor agonistic action.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 35 OF 41 MEDLINE on STN DUPLICATE 7
ACCESSION NUMBER: 2002225336 MEDLINE <<LOGINID::20080408>>
DOCUMENT NUMBER: PubMed ID: 11961411
TITLE: Minimal change nephrotic syndrome

developing during postoperative interferon-
beta therapy for malignant melanoma.
AUTHOR: Nakao Kazushi; Sugiyama Hitoshi; Makino Eiichi; Matsuura Hironori; Ohmoto Akiko; Sugimoto Taro; Ichikawa Haruo; Wada Jun; Yamasaki Yasushi; Makino Hirofumi
CORPORATE SOURCE: Department of Medicine III, Okayama University Medical School, Japan.. onaka24@hotmail.com
SOURCE: Nephron, (2002 Apr) Vol. 90, No. 4, pp. 498-500.
Journal code: 0331777. ISSN: 0028-2766.
PUB. COUNTRY: Switzerland
DOCUMENT TYPE: (CASE REPORTS)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200211
ENTRY DATE: Entered STN: 19 Apr 2002
Last Updated on STN: 11 Dec 2002
Entered Medline: 20 Nov 2002
AB A 64-year-old man presented with proteinuria during postoperative interferon (IFN)-beta therapy against malignant melanoma. Renal pathologic findings were consistent with minimal change nephrotic syndrome (MCNS) showing extensive foot process effacement of visceral glomerular epithelial cells (podocyte). Nephrotic range proteinuria gradually regressed after stoppage of local injection of IFN-beta without glucocorticoid treatment. To our knowledge this is the first report that demonstrates histological abnormalities of the glomerulus associated with postoperative IFN-beta therapy for the malignant melanoma.

L3 ANSWER 36 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2001:197061 USPATFULL <<LOGINID::20080408>>
TITLE: Dithiolin derivatives, their preparation and their therapeutic effect
INVENTOR(S): Fujita, Takashi, Kashiwa, Japan
Yokoyama, Tomihisa, Urawa, Japan
PATENT ASSIGNEE(S): Sankyo Company, Limited, Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6313164	B1	20011106
APPLICATION INFO.:	US 1999-354006		19990715 (9)

RELATED APPLN. INFO.: Division of Ser. No. US 1998-52095, filed on 31 Mar 1998, now patented, Pat. No. US 6013663

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1997-83749	19970402
	JP 1998-8837	19980120

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Huang, Evelyn Mei
LEGAL REPRESENTATIVE: Frishauf, Holtz, Goodman, Langer & Chick, P.C.
NUMBER OF CLAIMS: 64
EXEMPLARY CLAIM: 1
LINE COUNT: 12721

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds of the formula (I): ##STR1##

wherein one of m and n is 0, and the other is 0, 1 or 2; k is 0 or 1 to 12; R.sup.1 is hydrogen, a substituent which is an aryl or a heterocyclic, or an optionally substituted alkyl group; A is a single bond, an oxygen atom, a carbonyl group or a group of the formula --N(R.sup.2)CO--, --N(R.sup.2)CS--, --N(R.sup.2)SO.sub.2 --, --CON(R.sup.2)N(R.sup.3)CO--, --CON(R.sup.2)CO--, --CON(R.sup.2)CS--, --CON(R.sup.2)SO.sub.2 --, --O--CO--, --ON(R.sup.2)CO--, --ON(R.sup.2)SO.sub.2 --, --O--CON(R.sup.2)N(R.sup.3)CO--, --O--CON(R.sup.2)CO--, --O--CON(R.sup.2)SO.sub.2 --, --CO--O--, --CO--CO--, --CO--CON(R.sup.2)N(R.sup.3)CO--, --CO--CON(R.sup.2)CO--, --CO--CON(R.sup.2)SO.sub.2 --, --N(R.sup.2)O--, --N(R.sup.2)COCO--, --N(R.sup.2)N(R.sup.3)CO--, --N(R.sup.2)N(R.sup.3)SO.sub.2 --, --N(R.sup.2)CON(R.sup.3)N(R.sup.4)CO--, --N(R.sup.2)CON(R.sup.3)CO--, --N(R.sup.2)CON(R.sup.3)SO.sub.2 -- or --N(R.sup.2)CON(R.sup.3)SO.sub.2 N(R.sup.4)CO--, wherein R.sup.2, R.sup.3 and R.sup.4 are the same or different and each is hydrogen, alkyl, aralkyl, acyl or a substituent a; B is a single bond, or a group of the formula --N(R.sup.5)-- or --N(R.sup.6)N(R.sup.5)-- wherein R.sup.5 and R.sup.6 are the same or different and each is hydrogen, alkyl, aralkyl, acyl or a substituent a, or R.sup.5, together with R.sup.1 and the nitrogen atom to which they are bonded form a heterocyclic ring having from 5 to 7 ring atoms; or R.sup.1 represents a group of formula --OR.sup.7, wherein R.sup.7 is alkyl, alkenyl, aralkyl or a substituent a; or R.sup.1 represents a hydroxy group or a group of the formula --OR.sup.7 ; or pharmaceutically acceptable salts thereof. The compounds enhance the activity of glutathione reductase and can be used for the treatment and prevention of a variety of diseases including cataracts.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 37 OF 41 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2001:530192 CAPLUS <<LOGINID::20080408>>
DOCUMENT NUMBER: 136:165888
TITLE: Chemokine expression precedes inflammatory cell infiltration and chemokine receptor and cytokine expression during the initiation of murine lupus nephritis
AUTHOR(S): Perez de Lema, Guillermo; Maier, Holger; Nieto, Elena; Vielhauer, Volker; Luckow, Bruno; Mampaso, Francisco; Schlondorff, Detlef
CORPORATE SOURCE: Ludwig-Maximilians-Universitat, Munchen, D-80336, Germany
SOURCE: Journal of the American Society of Nephrology (2001), 12(7), 1369-1382
CODEN: JASNEU; ISSN: 1046-6673
PUBLISHER: Lippincott Williams & Wilkins
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Lupus nephritis is characterized by immune complex deposition and inflammatory cell infiltration. Therefore, the initiation and progression of lupus nephritis in MRL/MpJ Faslpr/lpr (MRL/lpr) mice were investigated, with a focus on the expression of several chemokines and chemokine receptors. Mice were monitored for proteinuria from 6 to 20 wk of age,

and kidneys were examined every 2 wk by light microscopy, electron microscopy, and immunohistol. analyses. Furthermore, the expression of chemokines, chemokine receptors, and proinflammatory cytokines was analyzed in RNase protection assays. MRL/lpr mice demonstrated increased expression of monocyte chemoattractant protein-1, regulated upon activation, normal T cell-expressed and -secreted protein (RANTES), inducible protein of 10 kDa (IP-10), and macrophage inflammatory protein-1b at week 8. At that time point, levels of circulating and glomerular immune complexes were increased, and no proteinuria or histopathol. signs of renal damage could be observed As assessed in immunohistochem. and in situ hybridization analyses, monocyte chemoattractant protein-1 and RANTES expression were preferentially located in the glomeruli and interstitium. Mononuclear cell infiltration of the kidney was observed by weeks 10-12. At week 12, the renal expression of chemokine receptor 1 (CCR1), CCR2, and CCR5 was increased, mice became proteinuric, and renal damage was histol. evident. Finally, the expression of proinflammatory cytokines was detected (weeks 12-14). In summary, (1) chemokines are upregulated before inflammatory cell infiltration, proteinuria, and kidney damage are observed; (2) chemokine generation is restricted to sites of subsequent inflammatory cell infiltration, i.e., glomeruli and interstitium; (3) chemokine receptor expression parallels mononuclear cell infiltration; and (4) proinflammatory cytokines are upregulated later, in parallel with inflammatory cell infiltration and the onset of proteinuria. Thus, chemokines initiate leukocyte infiltration and precede proteinuria and renal damage in MRL/lpr mice.

REFERENCE COUNT: 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 38 OF 41 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN

ACCESSION NUMBER: 2002:330152 BIOSIS <<LOGINID::20080408>>

DOCUMENT NUMBER: PREV200200330152

TITLE: IFN-beta: A novel immunomodulating therapy of severe lupus nephritis.

AUTHOR(S): Schwarting, Andreas [Reprint author]; Paul, Kathrin [Reprint author]; Tschirner, Stephan [Reprint author]; Kriegsmann, Jorg; Mayet, Werner [Reprint author]; Wandel, Eveline [Reprint author]; Galle, Peter R. [Reprint author]

CORPORATE SOURCE: 1st Department of Medicine, University Hospital, Mainz, Germany

SOURCE: Journal of the American Society of Nephrology, (September, 2001) Vol. 12, No. Program and Abstract Issue, pp. 640A. print.
Meeting Info.: ASN (American Society of Nephrology)/ISN (International Society of Nephrology) World Congress of Nephrology. San Francisco, CA, USA. October 10-17, 2001.
CODEN: JASNEU. ISSN: 1046-6673.

DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)

LANGUAGE: English

ENTRY DATE: Entered STN: 12 Jun 2002
Last Updated on STN: 12 Jun 2002

L3 ANSWER 39 OF 41 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on

STN
ACCESSION NUMBER: 2002:6478 BIOSIS <<LOGINID::20080408>>
DOCUMENT NUMBER: PREV200200006478
TITLE: Prophylaxis and therapy of severe lupus nephritis by interferon-beta treatment.
AUTHOR(S): Schwarting, A. [Reprint author]; Tschirner, S. [Reprint author]; Paul, K. [Reprint author]; Kriegsmann, J.; Dederichs, E. [Reprint author]; Klingel, R. [Reprint author]; Wandel, E. [Reprint author]; Galle, P. R. [Reprint author]
CORPORATE SOURCE: 1st Department of Medicine, University of Mainz, Mainz, Germany
SOURCE: Kidney and Blood Pressure Research, (2001) Vol. 24, No. 4-6, pp. 218. print.
Meeting Info.: Joint Scientific Meeting of the Nephrology Society and the German Working Group for Clinical Nephrology. Munster, Germany. September 29-October 02, 2001.
ISSN: 1420-4096.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 28 Dec 2001
Last Updated on STN: 25 Feb 2002

L3 ANSWER 40 OF 41 USPATFULL on STN
ACCESSION NUMBER: 2000:4825 USPATFULL <<LOGINID::20080408>>
TITLE: Dithiolan derivatives, their preparation and their therapeutic effect
INVENTOR(S): Fujita, Takashi, Kashiwa, Japan
Yokoyama, Tomihisa, Urawa, Japan
PATENT ASSIGNEE(S): Sankyo Company, Limited, Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6013663		20000111
APPLICATION INFO.:	US 1998-52095		19980331 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1997-83749	19970402
	JP 1998-8837	19980120

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Huang, Evelyn Mei
LEGAL REPRESENTATIVE: Frishauf, Holtz, Goodman, Langer & Chick, P.C.
NUMBER OF CLAIMS: 47
EXEMPLARY CLAIM: 1
LINE COUNT: 9846
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A compound of formula (I): ##STR1## wherein one of m and n represents 0, and the other represents 0, 1 or 2; k represents 0 or 1 to 12; R.sup.1 is hydrogen, an aryl, a heterocyclic, an alkyl, a hydroxy or --OR.sup.7, wherein R.sup.7 is an alkyl, an alkenyl or an aralkyl; A is --CON(R.sup.2)SO.sub.2--, wherein R.sup.2 is hydrogen, an alkyl or an

aralkyl; B is a single bond; and pharmaceutically acceptable salts thereof. The compounds have the ability to enhance the activity of glutathione reductase and can therefore be used for the treatment and prevention of a variety of diseases including cataracts.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 41 OF 41 MEDLINE on STN
ACCESSION NUMBER: 91186537 MEDLINE <<LOGINID::20080408>>
DOCUMENT NUMBER: PubMed ID: 2082050
TITLE: Clinical and histological observation of HBV glomerulonephritis treated with interferon-beta.
AUTHOR: Ueda T; Gotoh Y; Shiroshita K; Sakurai T; Kataoka Y
CORPORATE SOURCE: Department of Nephrology, Sapporo City General Hospital, Japan.
SOURCE: Nippon Jinzo Gakkai shi, (1990 Nov) Vol. 32, No. 11, pp. 1153-9.
Journal code: 7505731. ISSN: 0385-2385.
PUB. COUNTRY: Japan
DOCUMENT TYPE: (CASE REPORTS)
(ENGLISH ABSTRACT)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: Japanese
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199105
ENTRY DATE: Entered STN: 26 May 1991
Last Updated on STN: 26 May 1991
Entered Medline: 6 May 1991
AB Hepatitis B virus carriers, a 30-year-old man (case 1) and a 31-year-old man (case 2), associated with nephrotic syndrome were treated with interferon-beta. The nephrotic syndrome did not respond to corticosteroid therapy. Their HBs-Ag, HBe-Ag and HBc-Ab were positive. Renal biopsies revealed membranous glomerulonephritis in case 1 and mixed membranous and proliferative glomerulonephritis in case 2. Direct immunofluorescence studies showed strong granular staining of the GBM with IgG and using sandwich technique with anti-HBe antiserum, granular deposits were seen throughout the GBM. Patients were administrated mainly 3-6 x 10(6) IU/day interferon-beta intravenously for four weeks. After transitory elevation of serum transaminase, HBe-Ag and DNA-polymerase have disappeared with development of HBe-Ab (seroconversion) about six months after the end of interferon-beta administration. Then nephrotic syndrome has recovered in incomplete remission after a year and a half follow-up. The secondary renal biopsy in case 1 showed less intense deposits of HBe-Ag along GBM. These facts suggest that the improvement of proteinuria is associated with the decrease in HBV replication due to interferon therapy.

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	SESSION	TOTAL
FULL ESTIMATED COST		111.09	111.30

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	SESSION	TOTAL
CA SUBSCRIBER PRICE		-4.00	-4.00

STN INTERNATIONAL LOGOFF AT 11:07:49 ON 08 APR 2008